

ABSTRACT

A hydraulic continuously variable transmission includes a swash plate plunger pump, a swash plate plunger motor, and a closed hydraulic circuit for connecting them to each other, wherein a motor pivoting member is supported by a motor casing so as to be pivotally movable, with the swash plate angle being variably adjustable, to simplify the configuration of a swash plate as much as possible and to widen the swash plate angle range. An inner race of a ball bearing for supporting a transmission output shaft, to which a pump cylinder and a motor cylinder are connected, so that the transmission output shaft is rotatable relative to the motor casing is formed by cutting off an end face portion in the axial direction, on the side of facing the motor pivoting member.

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